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| APPLICATION NO. | FILING DATE                     | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |
|-----------------|---------------------------------|----------------------|-------------------------|------------------|
| 10/031,454      | 01/22/2002                      | Kimio Akiyama        | Q68004                  | 6920             |
| 7               | 590 08/20/2004                  |                      | EXAMINER                |                  |
| Sughrue Mion    |                                 |                      | YAMNITZKY, MARIE ROSE   |                  |
|                 | ania Avenue NW<br>OC 20037-3213 |                      | ART UNIT                | PAPER NUMBER     |
|                 |                                 |                      | 1774                    |                  |
|                 |                                 |                      | DATE MAILED: 08/20/2004 |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

|                                                                                                                                                                                                                                                                                                                                                    | Application No.                                                                              | Applicant(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|--|--|--|
| Advisory Action                                                                                                                                                                                                                                                                                                                                    | 10/031,454                                                                                   | AKIYAMA ET AL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       |  |  |  |  |
| Advisory Action                                                                                                                                                                                                                                                                                                                                    | Examiner                                                                                     | Art Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                    | Marie R. Yamnitzky                                                                           | 1774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |  |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address                                                                                                                                                                                                                                                  |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| THE REPLY FILED 13 August 2004 FAILS TO PLACE Therefore, further action by the applicant is required to final rejection under 37 CFR 1.113 may only be either: (condition for allowance; (2) a timely filed Notice of Appe Examination (RCE) in compliance with 37 CFR 1.114.                                                                      | avoid abandonment of this applic<br>(1) a timely filed amendment whi                         | cation. A proper replication blaces the application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | y to a<br>ation in                    |  |  |  |  |
| PERIOD FOR R                                                                                                                                                                                                                                                                                                                                       | EPLY [check either a) or b)]                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| a) The period for reply expires <u>3</u> months from the mailing date of                                                                                                                                                                                                                                                                           | •                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| b) The period for reply expires on: (1) the mailing date of this Adevent, however, will the statutory period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).                                                                                                                                                    | han SIX MONTHS from the mailing date o<br>S FILED WITHIN TWO MONTHS OF THI                   | f the final rejection.<br>E FINAL REJECTION. Se                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e MPEP                                |  |  |  |  |
| Extensions of time may be obtained under 37 CFR 1.136(a). The dhave been filed is the date for purposes of determining the period of exter 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortene (b) above, if checked. Any reply received by the Office later than three meaned patent term adjustment. See 37 CFR 1.704(b). | nsion and the corresponding amount of the<br>ed statutory period for reply originally set in | e fee. The appropriate exter<br>the final Office action; or (2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | nsion fee under<br>2) as set forth in |  |  |  |  |
| 1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.                                                                                                                                                   |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| 2. The proposed amendment(s) will not be entered to                                                                                                                                                                                                                                                                                                | pecause:                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);                                                                                                                                                                                                                                               |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| (b) they raise the issue of new matter (see Note below);                                                                                                                                                                                                                                                                                           |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| (c) \( \sum \) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or                                                                                                                                                                                          |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| (d) they present additional claims without cance                                                                                                                                                                                                                                                                                                   | eling a corresponding number of                                                              | finally rejected claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S.                                    |  |  |  |  |
| 3. Applicant's reply has overcome the following reje                                                                                                                                                                                                                                                                                               | ction(s):                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| 4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).                                                                                                                                                                                                  |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| 5. ☑ The a) ☐ affidavit, b) ☐ exhibit, or c) ☑ request for application in condition for allowance because: ⑤                                                                                                                                                                                                                                       | or reconsideration has been cons                                                             | sidered but does NOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | place the                             |  |  |  |  |
| 6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.                                                                                                                                                                                                                                               |                                                                                              | to issues which were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | e newly                               |  |  |  |  |
| 7. For purposes of Appeal, the proposed amendment explanation of how the new or amended claims were                                                                                                                                                                                                                                                | ut(s) a) will not be entered or be would be rejected is provided bek                         | ) will be entered and working and will be entered and will be entered. | nd an<br>MM<br>88/18/2004             |  |  |  |  |
| The status of the claim(s) is (or will be) as follows                                                                                                                                                                                                                                                                                              | •                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/18/2004                            |  |  |  |  |
| Claim(s) allowed: None.                                                                                                                                                                                                                                                                                                                            |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| Claim(s) objected to: None.                                                                                                                                                                                                                                                                                                                        |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| Claim(s) rejected: <u>1-20</u> .                                                                                                                                                                                                                                                                                                                   |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| Claim(s) withdrawn from consideration: None.                                                                                                                                                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
| 8. The drawing correction filed on is a) app                                                                                                                                                                                                                                                                                                       | proved or b) disapproved by                                                                  | the Examiner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |  |  |  |  |
| 9. Note the attached Information Disclosure Stateme                                                                                                                                                                                                                                                                                                | ent(s)( PTO-1449) Paper No(s)                                                                | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |  |  |  |  |
| 10. Other:                                                                                                                                                                                                                                                                                                                                         |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |  |  |  |  |
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Continuation of 5. does NOT place the application in condition for allowance because:

The examiner has considered applicant's arguments and maintains the position that the claims are unpatentable under 35 U.S.C. 112, 1st par., and 35 U.S.C. 103(a).

Marie R. Yaarnitzky
PRIMARY EXAMINER

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